

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	492	stall adj cycle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/15 11:16
S2	2735	instruction adj schedul\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/15 07:52
S3	4	S1 with S2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/15 15:24
S4	5	S1 same S2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/15 08:05
S5	204	register adj scoreboard	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/15 08:05
S6	5	S2 same S5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/15 08:37
S7	436	(717/159,161).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2007/05/15 08:37
S8	3683	(717/140-161).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2007/05/15 08:38

## EAST Search History

S9	1	S5 and S7	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/15 08:38
S10	3	S5 and S8	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/15 08:55
S11	311	interlock near1 hardware	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/15 08:55
S12	2	S7 and S11	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/15 08:55
S13	7	S8 and S11	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/15 09:02
S14	27049	data near2 dependen\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/15 09:02
S15	3	S14 with S5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/15 09:04
S16	59	((shi near2 xiaohua) or (cheng near2 bu) or (lueh near2 (guei or "guei-yuan"))).inv.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/15 10:15

## EAST Search History

S44	23	S2 with heuristic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/15 15:50
S45	492	stall adj cycle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/15 15:24
S46	2735	instruction adj schedul\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/15 15:52
S47	60	S45 and S46	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/15 15:24
S48	66	("4590550"   "4821178"   "4845615"   "5103394"   "5151981"   "5446876"   "5450586"   "5479652"   "5485574"   "5493673"   "5515538"   "5528753"   "5537541"   "5572672"   "5581482"   "5594741"   "5630157"   "5649136"   "5651112").PN. OR ("5923872").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/15 15:41
S49	39	S46 same heuristic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/15 15:51
S50	4	S49 same (stall or delay)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/15 15:50
S51	753	(stall\$3 or delay or dependenc\$2) same heuristic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/15 15:52

## EAST Search History

S52	8437	((instruction or code) near2 schedul\$3) or ((instruction or code) near2 reorder\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/16 07:25
S53	21	S51 same S52	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/15 15:53
S54	8437	((instruction or code) near2 (schedul\$3 or reorder\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/16 07:26
S55	69	S54 same heuristic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/16 07:54
S56	3683	(717/140-161).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2007/05/16 07:26
S57	24	S55 and S56	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/16 07:26
S58	41	("5611063"   "5634023"   "5692169"   "5774685"   "5778210"   "5799179"   "5812811"   "5850553"   "5864692"   "5881280"   "5901308"   "5915117"   "5946487"   "5987594"   "5991869"   "5996060"   "5999738"   "6032244").PN. OR ("6260190").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/16 07:33
S59	0	("10819595").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2007/05/16 07:39
S62	907	S54 same (delay\$3 or stall\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/16 07:54

## EAST Search History

S63	91	S62 and S56	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/16 07:54
S64	492	stall adj cycle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/16 07:54
S65	12	S54 same S64	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/16 07:58
S66	102	S54 and S64	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/16 08:01
S67	98	S66 and pipeline	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/16 07:58
S68	95	pipeline near3 S64	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/16 07:59
S69	13	S54 and S68	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/16 07:59
S70	24	("5857097").URPN.	USPAT	OR	ON	2007/05/16 08:08
S71	31	("4829422"   "5150470"   "5465372"   "5517628"   "5627982"   "5765035").PN. OR ("5941983").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/16 08:10

## EAST Search History

S72	42	("4521851"   "4594660"   "5404470"   "5465336"   "5467473"   "5555432"   "5651125"   "5655096"   "5710902"   "5717883"   "5748978"   "5751985"   "5778219"   "5794029"   "5799165"   "5835747"   "5884059"   "5884060"   "5884061"   "5915117"   "5923862"   "5941983"   "5978900"   "5987594"   "5996068"   "6016540"   "6065105"   "6076153"   "6098166"   "6108769"   "6122727"   "6212622"   "6212623"   "6308259"   "6321328"   "6336178").PN. OR ("6542984").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/16 08:16
S73	20	("4903196"   "5627983"   "5710902"   "5838988"   "5850533"   "5898853"   "5958047"   "6058472"   "6085305"   "6212626"   "6219778"   "6226713"   "6240502"   "6269426"   "6272623"   "6304955"   "6334182"   "6542984"   "6662293"   "6715060").PN. OR ("7055021").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/16 08:19
S74	11	("5627983"   "5640588"   "5664193"   "5710902"   "5790822"   "5835747"   "5898853"   "5983342"   "6167508"   "6351802").PN. OR ("6662293").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/16 08:28
S75	47	("4590550"   "4821178"   "4845615"   "5103394"   "5151981"   "5446876"   "5450586"   "5479652"   "5485574"   "5493673"   "5528753"   "5537541"   "5572672"   "5581482"   "5651112"   "5664193"   "5699537"   "5715463"   "5752037"   "5802386"   "5854934").PN. OR ("6092180").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/16 10:16
S76	8437	((instruction or code) near2 (schedul\$3 or reorder\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/16 12:48
S77	26	S76 with (stall or delay) with based	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/16 12:51
S78	54	S76 with (stall or delay or latency) with based	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/16 13:10
S80	55	S76 with (stall or delay or latency) with (based or accord\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/16 14:30
S81	256	stall with (data near2 depend\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/16 14:32

## EAST Search History

S82	6	S76 same S81	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/16 14:31
S83	1898	(stall\$3 or delay\$3 or latency) with (data near2 depend\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/16 16:31
S84	51	S76 same S83	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/16 15:36
S85	295	list adj scheduling	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/16 15:35
S86	3	S83 same S85	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/16 15:35
S87	286	S76 and S83	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/16 15:36
S88	3683	(717/140-161).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2007/05/16 15:36
S89	30	S87 and S88	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/16 15:36
S90	24	("5202993").URPN.	USPAT	OR	ON	2007/05/16 15:37

## EAST Search History

S99	4137	(stall\$3 or delay\$3 or latency) same (data near2 depend\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/16 16:31
S100	31	S99 same weight	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/16 16:33
S101	2	S76 same S100	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/16 16:32
S102	492	stall adj cycle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/16 16:41
S103	1	S102 with weight	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/16 16:41
S104	5	S102 same weight	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/16 16:41
S105	3323	stall same weight	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/16 16:48
S106	0	S105 same S76	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/16 16:42



## EAST Search History

S107	4	S105 and S76	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/16 16:42
S108	0	("2005/0149916").URPN.	USPAT	OR	ON	2007/05/16 16:43
S109	3	S105 and S88	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/16 16:43
S110	13051	(stall\$3 or pipeline) same weight	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/16 16:48
S111	2	S76 same S110	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/16 16:48
S112	10	S76 and S110	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/16 16:48
S113	936	dependency adj graph	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/17 07:29
S114	12	S113 with weight	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/17 07:25
S115	20	S113 same weight	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/17 07:25
S116	24	("5202993").URPN.	USPAT	OR	ON	2007/05/17 07:29

## EAST Search History

S117	3025	dependency near2 graph	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/17 07:55
S118	31	S117 with weight	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/17 07:42
S119	8447	((instruction or code) near2 (schedul\$3 or reorder\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/17 07:30
S120	74	S119 with hold	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/17 07:30
S121	3686	(717/140-161).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2007/05/17 07:33
S122	4	S121 and S118	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/17 07:33
S123	53	S117 same weight	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/17 07:33
S124	5	S123 and S121	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/17 07:37

## EAST Search History

S125	6387	edge near2 label	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/17 07:38
S126	3	S117 same S125	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/17 07:38
S127	32097	graph same weight	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/17 07:39
S128	10	S119 same S127	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/17 07:39
S129	60	S119 and S127	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/17 07:39
S130	31	S129 and S121	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/17 07:39
S131	12	S117 with priority	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/17 07:42
S132	41	S117 same priority	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/17 07:45
S133	0	("2004/0083468").URPN.	USPAT	OR	ON	2007/05/17 07:44

## EAST Search History

S134	6390	dependenc\$1 near2 graph	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/17 07:56
S135	87	S134 with weight	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/17 08:42
S136	2	S119 same S135	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/17 07:57
S137	10	S119 and S135	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/17 07:57
S138	1026	S119 same pipeline	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/17 08:47
S139	18	S138 same graph	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/17 08:42
S140	10	S119 same (pipeline near2 hazard)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/17 09:06
S141	1733	dynamic near2 schedul\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/17 09:06

## EAST Search History

S142	36	S141 same scoreboard\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/17 09:41
S143	53	("4128880"   "4179737"   "4210961"   "4298933"   "4370709"   "4399507"   "4567574"   "4782444"   "4847755"   "4956767"   "5021945").PN. OR ("5202975").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/17 09:30
S144	4745	pipeline near2 (delay or stall or hazard)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/17 09:43
S145	23	S141 same S144	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/17 09:42
S146	162826	(pipeline near2 (delay or stall or hazard)) or interlock	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/17 09:54
S147	29	S141 same S146	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/17 09:54
S148	166190	(pipeline with (delay or stall or hazard)) or interlock	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/17 10:03
S149	31	S141 same S148	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/17 09:56
S150	436	(table or graph) with dependenc\$1 with (weight or priority or cost or heuristic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/17 09:58

## EAST Search History

S151	2	S141 and S148 and S150	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/17 09:58
S152	0	S141 same S150	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/17 09:58
S153	211409	(table or graph) with (weight or priority or cost or heuristic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/17 10:01
S154	18	S141 same S153	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/17 10:01
S155	27	S141 and S148 and S153	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/17 09:58
S156	6135938	(weight or priority or cost or heuristic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/17 10:01
S157	532528	(table or graph) same (weight or priority or cost or heuristic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/17 10:17
S158	30	S141 same S157	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/17 10:01

## EAST Search History

S159	1254052	delay or stall or hazard or interlock	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/17 10:19
S160	135	S141 same S159	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/17 10:03
S161	71	S141 with S159	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/17 10:08
S162	0	S121 and S161	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/17 10:03
S163	301	S141 same instruction	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/17 10:08
S164	55	S163 same S159	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/17 10:08
S165	2549	weight near5 arc	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/17 10:17
S166	0	S165 same S141	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/17 10:18

## EAST Search History

S167	56152	arc same (weight or priority or cost or heuristic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/17 10:19
S168	13205	arc with (weight or priority or cost or heuristic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/17 10:17
S169	1	S168 same S141	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/17 10:18
S170	2	S167 same S141	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/17 10:18
S171	1289663	delay or stall or hazard or latency or interlock	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/17 10:31
S172	1564	S167 same S171	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/17 10:20
S173	1	S172 same S119	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/17 10:20
S174	9	S172 and S119	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/17 10:20



## EAST Search History

S175	4	S172 and S141	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/17 10:20
S176	7	("20020095666"   "6029002"   "6260190"   "6526572"   "6615403"   "6742108"   "6817013").PN. OR ("7197747").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/17 10:29
S177	13626	arc same S171	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/17 10:32
S178	4	S119 same S177	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/17 10:34
S179	46	S119 and S177	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/17 10:34
S180	118	scoreboard\$3 with dependenc\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/17 12:35
S181	1	S180 same extend\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/17 12:08
S182	3	S180 same (row and column)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/18 12:17
S183	39	S180 and (row and column)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/17 12:49

## EAST Search History

S184	160	scoreboard\$3 same dependenc\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/17 12:35
S185	4	S184 same (row and column)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/17 12:36
S186	3	count near2 (pipeline adj stall)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/17 12:59
S187	345	count near2 (latency)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/17 13:00
S188	707	count\$3 near2 (latency)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/17 13:00
S189	10	S119 same S188	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/17 13:00
S190	833	monitor\$3 with instruction with issue	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/17 13:29
S191	71	(monitor\$3 with instruction) same (pipeline adj stall)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/17 13:41

## EAST Search History

S192	3	S191 same (latency or delay)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/17 13:42
S193	65	S191 and(latency or delay)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/17 14:35
S194	0	S191 and(issue adj latency)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/17 14:35
S218	8447	((instruction or code) near2 schedul\$3) or ((instruction or code) near2 reorder\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/18 12:18
S219	679	S218 and java	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/18 12:18
S220	1	S218 same java same stall	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/18 12:19
S221	1289663	delay or stall or hazard or latency or interlock	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/18 12:19
S222	4	S218 same java same S221	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/18 12:20

## EAST Search History

S223	4	S218 same java same jvm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/18 12:21
S224	48	S218 and (java same jvm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/18 13:27
S225	1348	(java near2 compiler)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/18 13:28
S226	57	S218 and S225	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/18 13:28
S227	1	S218 same S225	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/18 13:28
S228	8447	((instruction or code) near2 schedul\$3) or ((instruction or code) near2 reorder\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/18 13:59
S229	1733	dynamic near2 schedul\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/18 13:59
S230	9801	S228 or S229	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/18 13:59

## EAST Search History

S231	17570	(stall or delay or latency) with table	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/18 14:00
S232	3635	S231 same (search\$3 or scan\$4 or lookup or "look up")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/18 14:00
S233	104	S232 same (nonzero or "non zero" or positive)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/18 14:01
S234	26	S232 same (nonzero or "non zero" or (non adj zero))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/18 14:02
S235	4	S230 same S232	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/18 14:03
S236	77	S230 and S232	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/18 14:03


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[E Rotenberg](#)
[J Emer](#)
[Analysis of techniques to improve protocol processing latency - all 23 versions »](#)

D Mosberger, LL Peterson, PG Bridges, SO'Malley - Applications, Technologies, Architectures, and Protocols for ..., 1996 - portal.acm.org

... **stall** cycles induced by these misses. ... and the Imibench [20] suite reports a memory access **latency** of 2 ... CPU can sustain an execution rate of 8 **instructions** per 13 ...

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[Architecture validation for processors - all 7 versions »](#)

RC Ho, CH Yang, MA Horowitz, DL Dill - ACM SIGARCH Computer Architecture News, 1995 - portal.acm.org

... followed by a jump **instruction** with its **delay** slot on ... to the data cache to reduce overall store **latency**. ... SEND A send **instruction** executed while the Outbox is ...

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[Multi-threaded microprocessor architecture utilizing static interleaving - all 3 versions »](#)

JC Chung, CL Wu - US Patent 5,404,469, 1995 - Google Patents

... Off. . OTHER PUBLICATIONS "Distributed **Instruction** Set Computer Architecture", IEEE Trans, on Computer, 1991, L. Wang and CL Wu. ... CACHE 1 I **INSTRUCTION** FETCH ,1 ...

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[Rewriting Executable Files to Measure Program Behavior - all 7 versions »](#)

JR Larus, T Ball - Software - Practice and Experience, 1994 - research.microsoft.com

... original load, which executes in the **delay** slot and ... calls, is to move the delayed **instruction** to both ... the alternative targets are collected into a jump **table**. ...

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[Instruction distribution heuristics for quad-cluster, dynamically-scheduled, superscalar processors - all 17 versions »](#)

A Baniasadi, A Moshovos - Proceedings of the 33rd annual ACM/IEEE international ..., 2000 - portal.acm.org

... The impact of this method on decode/dispatch **latency** should be ... L1 - **Instruction** cache 64K, 2-way SA, 32-byte ... Inter-cluster **delay** 1 cycle both for registers and ...

Cited by 68 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

[Memory bandwidth limitations of future microprocessors - all 18 versions »](#)

D Burger, JR Goodman, A Kaegi - ACM SIGARCH Computer Architecture News, 1996 - cs.utexas.edu

... performance in systems that **stall** frequently due ... Several factors other than **latency**-reduction techniques will ... parts of the **instruction** stream simultaneously. ...

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[Low-power digital design - all 11 versions »](#)

M Horowitz, T Indermaur, R Gonzalez - Low Power Electronics, 1994. Digest of Technical Papers., ..., 1994 - ieeexplore.ieee.org

... In processors the cost of issuing multiple **instructions** is not ... As a result, as shown in **Table** 1, parallel ... or hurts a processor's ener- gy-**delay** product (Watts ...

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[Measuring experimental error in microprocessor simulation - all 17 versions »](#)

R Desikan, D Burger, SW Keckler - ACM SIGSOFT Software Engineering Notes, 2001 - doi.ieeecomputersociety.org

... sent, since there is a one-cycle **delay** required to ... **instructions** into two separate inter- nal **instructions** as is ... linked list to obtain the load **latency** for back ...

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[AMD 3DNow! technology: architecture and implementations - all 6 versions »](#)

S Oberman, G Favor, F Weber, AMD Inc, CA Sunnyvale - Micro, IEEE, 1999 - [ieeexplore.ieee.org](#)

... floating-point multiplier. **Table 3** summarizes the **latency** and throughput of the AMD-K7's multimedia **instructions**. The algorithms that ...

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[A direct-execution framework for fast and accurate simulation of superscalar processors - all 10 versions »](#)

V Krishnan, J Torrellas - Parallel Architectures and Compilation Techniques, 1998. ..., 1998 - [ieeexplore.ieee.org](#)

... Also, branch **delay** slot scheduling is undone when ... units Type of **instructions** handled **Instruction latency** and repeat ... and banks Local and remote memory **latency** ...

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